

TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns Harbor - Port

Site Abbreviation BHP-A-9

Deployment No. 9

Field Deployment and Recovery

Field Deployment Technician Name Cole Rensburg Setup Date/Time 5/21/21 8:15

Sample Run Date 5/24/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☐ Green power light should start to blink;
- ☐ Timer countdown should start indicating when sampling run will commence;
- ☐ Status on main screen should change to "Waiting".

Field Recovery Technician Name Scott Keller Recovery Date/Time 5/25/21 11:20

Q _{Std} Avg Flow (liters/min)	<u>211</u>	Actual Start Date/Time	<u>5/24/21 0:00</u>
CV	<u>2.71</u>	Actual Stop Date/Time	<u>5/24/21 15:00</u>
Q _{Std} Volume (m ³)	<u>189.92</u>	T _{amb} Avg (°C)	<u>21.4</u>
Elapsed Time (HH:MM)	<u>15:00:33</u>	P _{amb} Avg (mmHg)	<u>748</u>
Flags? Expected flags: Completed, Q _{Std} <u>Y - Flow Range</u>			

Sample Status: **VALID** **VOID** (circle one) VOID Reason: E.T. < 24 hr. - 1 hr.

Site Observations

Run Day Temperatures: High 86 Low 66 Source: Weather Channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: SW 8 mph

Run Day Sky Cover: mostly Sunny

Unusual Events? (fires, major storms, construction, etc.):

Maintenance

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within $\pm 10 \text{ mmHg}$ of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of Q_{Std} PUFPLUS ($0.225 \frac{\text{m}^3}{\text{min}}$)?

Maintenance Notes: